

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

2019 *Building Energy Efficiency Standards*,
California Code of Regulations, Title 24,
Parts 1 and 6

Docket No. 19-BSTD-01

RESOLUTION OF THE ENERGY COMMISSION CERTIFYING THE 2019 PUBLIC
DOMAIN RESIDENTIAL COMPLIANCE SOFTWARE
CBECC-RES 2019.1.0

WHEREAS, the Warren-Alquist State Energy Resources Conservation and Development Act, Public Resources Code sections 25000 et seq., 25402.1 , subdivision (b), requires the California Energy Commission to, among other things, establish a process for certifying calculation methods for demonstrating compliance with its building energy efficiency standards; and

WHEREAS, the 2019 public domain California Building Energy Code Compliance – Residential (CBECC-Res 2019.1.0) software, estimates energy consumed by residential buildings under Public Resources Code section 25402.1 , subdivision (a), for demonstrating compliance with the performance-based residential provisions of the 2019 *Building Energy Efficiency Standards*, California Code of Regulations, Title 24, Parts 1, Chapter 10, and 6; and

WHEREAS, staff of the Energy Commission has reviewed and tested CBECC-Res 2019.1.0 to ensure it meets the requirements, specifications, and criteria for building energy models set forth in the 2019 Alternative Calculation Method Approval Manual, CEC-400-2018-023-CMF (December 2018); and

THEREFORE, the Energy Commission approves CBECC-Res 2019.1.0 for estimating energy consumed by residential buildings as specified in Public Resources Code section 25402.1 , subdivision (a), and for demonstrating compliance with the performance-based residential provisions of the 2019 *Building Energy Efficiency Standards*, California Code of Regulations, Title 24, Parts 1 and 6; and

THEREFORE, the Energy Commission directs the executive director to take, on behalf of the Energy Commission, all actions reasonably necessary to implement this Resolution, as follows:

- To post information on the Energy Commission's public website as to how to obtain CBECC-Res 2019.1.0;
- To ensure that CBECC-Res 2019.1.0 and the 2019 Residential Alternative Calculation Method (ACM) Reference Manual are maintained and revised to accurately estimate the energy use of residential buildings, including correcting functional and analytical errors, and incorporating software modules that address compliance options and additional building systems, assemblies and construction materials;
- To review and approve updates to vender software, consistent with Section 1 of the 2019 Alternative Calculation Method Approval manual.

CERTIFICATION

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the California Energy Commission held on May 15, 2019.

AYE: Hochschild, Scott, Douglas, McAllister, Monahan

NAY: None

ABSENT: None

ABSTAIN: None

_____/original signed by/
Cody Goldthrite
Secretariat